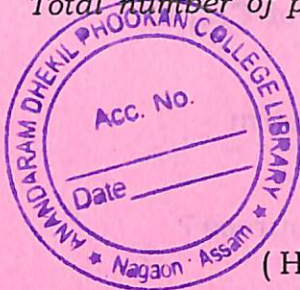


Total number of printed pages-3



3 (Sem-5/CBCS) BOT HE 1

2025

BOTANY

(Honours Elective)

Paper : BOT-HE-5016

(Natural Resource Management)

Full Marks : 60

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Answer the following : 1×7=7

(a) What is hotspot of surface water?

(b) Give *two* examples of inexhaustible resources.

(c) Name the *two* types of soil erosion.

(d) What is Bioprospecting?

1995
-000

41

7

(4)

Smith

2

City

11

(e) What are the *five* Fs of Chipko Movement?

(f) Who first coined the term Biodiversity?

(g) What are natural resources?

2. Answer the following questions : $2 \times 4 = 8$

(a) Which is the largest wetland in India?

(b) Silviculture.

(c) Write about desertification.

(d) What is Green economy?

3. Answer **any three** of the following questions : $5 \times 3 = 15$

(a) What are the principles of sustainable development?

(b) Write about the practice of Jhum cultivation in North-East India.

(c) Write about Geographic Information System (GIS).

(d) Write a note on non-renewable and renewable sources of energy.

(e) Write in brief about National Biodiversity Action Plan.

4. Answer the following questions : (**any three**)
 $10 \times 3 = 30$

(a) What is the role of international agencies for conservation of natural resources? Point out the important reasons as to why natural resources should be preserved. $5 + 5 = 10$

(b) Define conservation. Describe different methods of soil conservation.

(c) Enumerate the wetland conservation strategies in India.

(d) What are wastelands? Discuss the wasteland management with reference to North-East India. $2 + 8 = 10$

(e) Discuss the role of governmental organisation in the field of EIA (Environmental Impact Assessment) in India.

(f) Discuss the various schemes of social forestry in India.

